

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Ohio/Oklahoma Hearst Television Inc.
PO Box 1800

Raleigh, NC, 27602

Call Sign	File Number
WLWT	0000157838

Facility ID: 46979

NTSC TSID: 2242

Digital TSID: 2243

This License Modifies License No. 0000087261

ATSC 3.0

Grant Date 06/11/2020		Expiration Date 10/01/2029
Hours of Operation Unlimited		
Station Location City CINCINNATI State OH	Frequency (MHz) 494.0 - 500.0	Station Channel 18
Facility Type Commercial		

Antenna Structure Registration Number 1014132	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 39-12-1.0 N Longitude 84-31-22.0 W	Antenna Type Non-Directional

Description of Antenna Make DIELECTRIC Model TFU-20GTH/VP-R O6	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 325 kW 25.12 DBK
Height of Radiated Center Above Ground (Meters) 284.2	Height of Radiated Center Above Mean Sea Level (Meters) 557.0
Height of Radiated Center Above Average Terrain (Meters) 337	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign Facility ID

WLWT	46979
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Grant Date 09/09/2021		Expiration Date 10/01/2029
Hours of Operation Unlimited		
Station Location City CINCINNATI State OH	Frequency (MHz) 506.0 - 512.0	Station Channel 20
Facility Type Commercial		

Antenna Structure Registration Number 1038226	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.

Antenna Coordinates Latitude 39-7-27.0 N Longitude 84-31-18.0 W	Antenna Type Non-Directional
Description of Antenna Make DIE Model TFU-26GBH-R O6	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 880 kW 29.44 DBK
Height of Radiated Center Above Ground (Meters) 264.8	Height of Radiated Center Above Mean Sea Level (Meters) 520.2
Height of Radiated Center Above Average Terrain (Meters) 309.2	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.